



Day : Tuesday  
Date: 4/27/2004

Time: 14:58:38

## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name**

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## Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.  
Additionally, enter the **first few letters** of the Inventor's First name.

**Last Name**

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Set	Items	Description
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? set hi ;set hi

HIGHLIGHT set on as ''

**HIGHLIGHT set on as ''**

? begin 5,6,55,154,155,156,312,399,biotech,biosci

Set Items Description

? s (identif? or screen? or assay?) (5n) hypoxi? (5n) transcript?

Processing

Processed 10 of 34 files ...

Processing

Processed 20 of 34 files ...

Completed processing all files

6883511 IDENTIF?

1867155 SCREEN?

3192572 ASSAY?

403392 HYPOXI?

2550729 TRANSCRIPT?

S1 466 (IDENTIF? OR SCREEN? OR ASSAY?) (5N) HYPOXI? (5N)  
TRANSCRIPT?

? s s1 and reporter?

466 S1

273251 REPORTER?

S2 94 S1 AND REPORTER?

? s s2 and (erythropoietin or iNOS or glucose (n) transporter? or ALDA or transferrin)

94 S2

121459 ERYTHROPOIETIN

52206 INOS

1724745 GLUCOSE

309226 TRANSPORTER?

49991 GLUCOSE(N) TRANSPORTER?

567 ALDA

145960 TRANSFERRIN

S3 25 S2 AND (ERYTHROPOIETIN OR INOS OR GLUCOSE (N)  
TRANSPORTER? OR ALDA OR TRANSFERRIN)

? rd s3

...completed examining records

S4 7 RD S3 (unique items)

? d s4/3/1-7

Display 4/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0013831314 BIOSIS NO.: 200200424825

NADPH-cytochrome P-450 reductase in the plasma membrane modulates the  
activation of hypoxia-inducible factor 1

AUTHOR: Osada Mayuko; Imaoka Susumu (Reprint); Sugimoto Toshikado; Hiroi  
Toyoko; Funae Yoshihiko

AUTHOR ADDRESS: School of Science and Technology, Kwansei Gakuin  
University, 2-1 Gakuen, Sanda, 669-1337, Japan\*\*Japan

JOURNAL: Journal of Biological Chemistry 277 (26): p23367-23373 June 28,  
2002 2002

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 4/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011987238 BIOSIS NO.: 199900246898

Cross-talk between the aryl hydrocarbon receptor and hypoxia inducible

factor signaling pathways. Demonstration of competition and compensation  
AUTHOR: Chan William K; Yao Guang; Gu Yi-Zhong; Bradfield Christopher A  
(Reprint)  
AUTHOR ADDRESS: McArdle Laboratory for Cancer Research, 1400 University  
Ave., Madison, WI, 53706, USA\*\*USA  
JOURNAL: Journal of Biological Chemistry 274 (17): p12115-12123 April 23,  
1999 1999  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

- end of record -

?

Display 4/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2004 BIOSIS. All rts. reserv.

0011152097 BIOSIS NO.: 199799786157  
Differential transcriptional regulation of the two vascular endothelial  
growth factor receptor genes: Flt-1, but not Flk-1/KDR, is up-regulated  
by hypoxia  
AUTHOR: Gerber Hans-Peter; Condorelli Fabrizio; Park Jeanie; Ferrara  
Napoleone (Reprint)  
AUTHOR ADDRESS: Dep. Cardiovascular Res., Genentech Inc., 460 Point San  
Bruno Blvd., South San Francisco, CA 94080, USA\*\*USA  
JOURNAL: Journal of Biological Chemistry 272 (38): p23659-23667 1997 1997  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

- end of record -

? d s4/9/3

Display 4/9/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0011152097 BIOSIS NO.: 199799786157  
Differential transcriptional regulation of the two vascular endothelial  
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by hypoxia  
AUTHOR: Gerber Hans-Peter; Condorelli Fabrizio; Park Jeanie; Ferrara  
Napoleone (Reprint)  
AUTHOR ADDRESS: Dep. Cardiovascular Res., Genentech Inc., 460 Point San  
Bruno Blvd., South San Francisco, CA 94080, USA\*\*USA  
JOURNAL: Journal of Biological Chemistry 272 (38): p23659-23667 1997 1997  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

ABSTRACT: Vascular endothelial growth factor (VEGF) and its two endothelial  
cell-specific receptor tyrosine kinases, Flk-1/KDR and Flt-1, play a key

-more-

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Display 4/9/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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role in physiological and pathological angiogenesis. Hypoxia has been  
shown to be a major mechanism for up-regulation of VEGF and its receptors

in vivo. When we exposed human umbilical vein endothelial cells to hypoxic conditions in vitro, we observed increased levels of Flt-1 expression. In contrast, Flk-1/KDR mRNA levels were unchanged or slightly repressed. These findings suggest a differential \*\*\*transcriptional\*\*\* regulation of the two receptors by \*\*\*hypoxia\*\*\*. To \*\*\*identify\*\*\* regulatory elements involved in the hypoxic response, promoter regions of the mouse Flt-1 and Flk-1/KDR genes were isolated and tested in conjunction with luciferase \*\*\*reporter\*\*\* gene. In transient transfection **assays, hypoxia** led to strong **transcriptional** activation of the Flt-1 promoter, whereas Flk-1/KDR transcription was essentially unchanged. Promoter deletion analysis demonstrated a 430-bp region of the Flt-1 promoter to be required for transcriptional activation in response to hypoxia. This region includes a heptamer sequence matching the hypoxia-inducible factor-1 (HIF) consensus binding site previously found in other hypoxia-inducible genes such as

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Display 4/9/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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the VEGF gene and \*\*\*erythropoietin\*\*\* gene. We further narrowed down the element mediating the hypoxia response to a 40-base pair sequence including the putative HIF binding site. We show that this element acts like an enhancer, since it activated transcription irrespective of its location or orientation in the construct. Furthermore, mutations within the putative HIF consensus binding site lead to impaired transcriptional activation by hypoxia. These findings indicate that, unlike the KDR/Flk-1 gene, the Flt-1 receptor gene is directly up-regulated by hypoxia via a hypoxia-inducible enhancer element located at positions -976 to -937 of the Flt-1 promoter.

REGISTRY NUMBERS: 80449-02-1: TYROSINE KINASE  
DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Cell Biology;  
Enzymology--Biochemistry and Molecular Biophysics; Genetics; Molecular  
Genetics--Biochemistry and Molecular Biophysics  
BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,

-more-

? d s4/3/4-7

Display 4/3/4 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2004 American Chemical Society. All rts. reserv.

134036999 CA: 134(4)36999g PATENT  
Identification of compounds that modify transcriptional responses to  
hypoxia  
INVENTOR(AUTHOR): Livingston, David M.; Kung, Andrew L.; Bhattacharya,  
Shoumo  
LOCATION: USA  
ASSIGNEE: Dana-Farber Cancer Institute, Inc.  
PATENT: PCT International ; WO 200074725 A1 DATE: 20001214  
APPLICATION: WO 2000US15325 (20000602) \*US PV137625 (19990604)  
PAGES: 37 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-048/00A;  
C12Q-001/00B DESIGNATED COUNTRIES: CA; JP; US DESIGNATED REGIONAL: AT; BE  
; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

- end of record -

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Display 4/3/5 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2004 Inst for Sci Info. All rts. reserv.



Processing  
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 Processed 10 of 34 files ...  
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 Processed 20 of 34 files ...  
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 Processing  
 Processed 30 of 34 files ...  
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 Completed processing all files  
     466 S1  
     97524033 IN  
     2578419 VIVO  
     2497680 IN(N)VIVO  
     30696253 ANIMAL?  
     7906632 ANIMAL  
     12752684 MODEL?  
     1332074 ANIMAL(5N)MODEL?  
     6325709 RAT  
     12752684 MODEL?  
     142461 RAT(N)MODEL?  
     3330624 MOUSE  
     12752684 MODEL?  
     142790 MOUSE(N)MODEL?  
 S5 271 S1 AND (IN (N) VIVO OR ANIMAL? OR ANIMAL (5N) MODEL? OR  
     RAT (N) MODEL? OR MOUSE (N) MODEL?)  
 ? s s5 and reporter?  
     271 S5  
     273251 REPORTER?  
 S6 57 S5 AND REPORTER?  
 ? rd s6  
 ...examined 50 records (50)  
 ...completed examining records  
     S7 25 RD S6 (unique items)  
 ? d s7/3/1-25  
     Display 7/3/1 (Item 1 from file: 5)  
 DIALOG(R)File 5: BIOSIS Previews(R)  
 (c) 2004 BIOSIS. All rts. reserv.  
  
 0014742526 BIOSIS NO.: 200400112232  
 Genetic amplification of the **transcriptional** response to  
     **hypoxia** as a novel means of **identifying** regulators of  
     angiogenesis.  
 AUTHOR: White Jonathan Richard (Reprint); Harris Robert A; Lee Sheena R;  
     Craigon Marie H; Binley Katie; Price Toby; Beard Georgina L; Mundy  
     Christopher R; Naylor S  
 AUTHOR ADDRESS: Biological Systems Group, Oxford BioMedica (UK) Ltd.,  
     Oxford, OX4 4GA, UK\*\*UK  
 AUTHOR E-MAIL ADDRESS: j.white@oxfordbiomedica.co.uk  
 JOURNAL: Genomics 83 (1): p1-8 January 2004 2004  
 MEDIUM: print  
 ISSN: 0888-7543 (ISSN print)  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English

- end of record -



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Display 7/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2004 BIOSIS. All rts. reserv.

0014322322 BIOSIS NO.: 200300276855  
Cyclosporin a prevents the hypoxic adaptation by activating  
hypoxia-inducible factor-1alpha Pro-564 hydroxylation.  
AUTHOR: D'Angelo Gisela (Reprint); Duplan Eric; Vigne Paul; Frelin  
Christian  
AUTHOR ADDRESS: Institut de Pharmacologie Moleculaire et Cellulaire du  
CNRS, 660 Route des Lucioles, Sophia-Antipolis, Valbonne, 06560, France\*\*  
France  
AUTHOR E-MAIL ADDRESS: dangelo@ipmc.cnrs.fr  
JOURNAL: Journal of Biological Chemistry 278 (17): p15406-15411 April 25,  
2003 2003  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

- end of record -

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Display 7/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2004 BIOSIS. All rts. reserv.

0014221750 BIOSIS NO.: 200300180469  
Identification of residues critical for regulation of protein stability and  
the transactivation function of the hypoxia-inducible factor-1alpha by  
the von Hippel-Lindau tumor suppressor gene product.  
AUTHOR: Pereira Teresa; Zheng Xiaowei; Ruas Jorge L; Tanimoto Keiji;  
Poellinger Lorenz (Reprint)  
AUTHOR ADDRESS: Dept. of Cell and Molecular Biology, Karolinska Institutet,  
S-171 77, Stockholm, Sweden\*\*Sweden  
AUTHOR E-MAIL ADDRESS: lorenz.poellinger@cmb.ki.se  
JOURNAL: Journal of Biological Chemistry 278 (9): p6816-6823 February 28,  
2003 2003  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

- end of record -

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Display 7/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2004 BIOSIS. All rts. reserv.

0013848007 BIOSIS NO.: 200200441518  
**Identification** of small molecule inhibitors of **hypoxia**  
-inducible factor 1 **transcriptional** activation pathway  
AUTHOR: Rapisarda Annamaria; Uranchimeg Badarch; Scudiero Dominic A; Selby  
Mike; Sausville Edward A; Shoemaker Robert H; Melillo Giovanni (Reprint)  
AUTHOR ADDRESS: DTP-Tumor Hypoxia Laboratory, National Cancer Institute at  
Frederick, Building 432, Room 218, Frederick, MD, 21702, USA\*\*USA  
JOURNAL: Cancer Research 62 (15): p4316-4324 August 1, 2002 2002  
MEDIUM: print  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 7/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0013831314 BIOSIS NO.: 200200424825

NADPH-cytochrome P-450 reductase in the plasma membrane modulates the  
activation of hypoxia-inducible factor 1

AUTHOR: Osada Mayuko; Imaoka Susumu (Reprint); Sugimoto Toshikado; Hiroi  
Toyoko; Funae Yoshihiko

AUTHOR ADDRESS: School of Science and Technology, Kwansei Gakuin  
University, 2-1 Gakuen, Sanda, 669-1337, Japan\*\*Japan

JOURNAL: Journal of Biological Chemistry 277 (26): p23367-23373 June 28,  
2002 2002

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/3/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0013046081 BIOSIS NO.: 200100217920

Gene therapy targeting for hepatocellular carcinoma: Selective and enhanced  
suicide gene expression regulated by a hypoxia-inducible enhancer linked  
to a human alpha-fetoprotein promoter

AUTHOR: Ido Akio; Uto Hirofumi; Moriuchi Akihiro; Nagata Kenji; Onaga  
Yukiko; Onaga Masaaki; Hori Takeshi; Hirono Shuichi; Hayashi Katsuhiko;  
Tamaoki Taiki; Tsubouchi Hirohito (Reprint)

AUTHOR ADDRESS: Department of Internal Medicine II, Miyazaki Medical  
College, 5200 Kihara, Kiyotake, Miyazaki, 889-1692, Japan\*\*Japan

JOURNAL: Cancer Research 61 (7): p3016-3021 April 1, 2001 2001

MEDIUM: print

ISSN: 0008-5472

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 7/3/7 (Item 7 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0012384518 BIOSIS NO.: 200000102831

Egr-1 mediates transcriptional activation of IGF-II gene in response to  
hypoxia

AUTHOR: Bae Soo-Kyung; Bae Myung-Ho; Ahn Mee-Young; Son Myung Jin; Lee You  
Mie; Bae Moon-Kyoung; Lee Ok-Hee; Park Byung Chae; Kim Kyu-Won (Reprint)

AUTHOR ADDRESS: Department of Molecular Biology, Pusan National University,  
Pusan, 609-735, South Korea\*\*South Korea

JOURNAL: Cancer Research 59 (23): p5989-5994 Dec. 1, 1999 1999

MEDIUM: print

ISSN: 0008-5472

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/3/8 (Item 8 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0012323899 BIOSIS NO.: 200000042212

EPAS1 trans-activation during hypoxia requires p42/p44 MAPK

AUTHOR: Conrad P William; Freeman Thomas L; Beitner-Johnson Dana; Millhorn David E (Reprint)

AUTHOR ADDRESS: Dept. of Molecular and Cellular Physiology, College of Medicine, University of Cincinnati, Cincinnati, OH, 45267-0576, USA\*\*USA

JOURNAL: Journal of Biological Chemistry 274 (47): p33709-33713 Nov. 19, 1999 1999

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 7/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011987238 BIOSIS NO.: 199900246898

Cross-talk between the aryl hydrocarbon receptor and hypoxia inducible factor signaling pathways. Demonstration of competition and compensation

AUTHOR: Chan William K; Yao Guang; Gu Yi-Zhong; Bradfield Christopher A (Reprint)

AUTHOR ADDRESS: McArdle Laboratory for Cancer Research, 1400 University Ave., Madison, WI, 53706, USA\*\*USA

JOURNAL: Journal of Biological Chemistry 274 (17): p12115-12123 April 23, 1999 1999

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Display 7/3/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011635190 BIOSIS NO.: 199800429437

Hypoxia induces high-mobility-group protein I(Y) and transcription of the cyclooxygenase-2 gene in human vascular endothelium

AUTHOR: Ji Yan-Shan; Xu Qing; Schmedtje John F Jr (Reprint)

AUTHOR ADDRESS: Section Cardiol., Wake Forest Univ. Sch. Med., Medical Center Blvd., Winston-Salem, NC 27157, USA\*\*USA

JOURNAL: Circulation Research 83 (3): p295-304 Aug., 1998 1998

MEDIUM: print

ISSN: 0009-7330

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

? d s7/9/10

Display 7/9/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011635190 BIOSIS NO.: 199800429437

Hypoxia induces high-mobility-group protein I(Y) and transcription of the cyclooxygenase-2 gene in human vascular endothelium

AUTHOR: Ji Yan-Shan; Xu Qing; Schmedtje John F Jr (Reprint)

AUTHOR ADDRESS: Section Cardiol., Wake Forest Univ. Sch. Med., Medical

Center Blvd., Winston-Salem, NC 27157, USA\*\*USA

JOURNAL: Circulation Research 83 (3): p295-304 Aug., 1998 1998

MEDIUM: print

ISSN: 0009-7330

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Cyclooxygenases catalyze a rate-limiting step in the synthesis of vascular endothelial prostaglandins. Expression of the inducible cyclooxygenase-2 (COX-2) gene is increased by hypoxia in human vascular

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Display 7/9/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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endothelial cells via the nuclear factor (NF)-kappaB p65 transcription factor, which is necessary but not sufficient to fully induce COX-2 transcription in response to hypoxia. After finding that cytoplasmic NF-kappaB p65 and IkappaBalpha (an inhibitory protein that binds NF-kappaB p65 precursors) levels are not changed by hypoxia, we hypothesized that other factors might play a role in regulating the COX-2 promoter, like the high-mobility-group (HMG) I(Y) family of proteins, which features multiple A-T hooks and is associated with NF-kappaB-mediated transactivation. Nuclear protein obtained from human umbilical vein endothelial cells (HUVECs) was supplemented with HMG I(Y) during electrophoretic mobility shift assays using an NF-kappaB-3' element probe. These data suggested that HMG I(Y) proteins interact with NF-kappaB p65 to induce COX-2 promoter activity. We also found that TATA-box DNA demonstrated increased electrophoretic shifting indicative of DNA binding after incubation with either hypoxic HUVEC nuclear protein or normoxic nuclear protein supplemented with HMG I(Y). Transfection of HUVECs with an expression vector containing the COX-2 promoter ligated to

-more-

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Display 7/9/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

HMG I(Y) cDNA demonstrated positive feedback on COX-2 promoter activity in \*\*\*hypoxia\*\*\*. We confirmed that COX-2 is \*\*\*transcriptionally\*\*\* regulated by \*\*\*hypoxia\*\*\* using a nuclear runoff \*\*\*assay\*\*\*. **Hypoxia** increased steady-state cellular levels of HMG I(Y) mRNA as an early event, corresponding with increases in HMG I(Y) protein. Overexpression of HMG I(Y) was associated in a dose-response relationship with increasing prevalence of the COX-2 protein in hypoxic HUVECs. Furthermore, sense (and antisense) HMG I(Y) overexpression caused stimulation (or inhibition) of COX-2 promoter activity as measured by luciferase \*\*\*reporter\*\*\* gene expression. The physiological significance of these findings was demonstrated by cyclooxygenase-dependent release of prostaglandin E2 by HUVECs in hypoxia. We concluded that hypoxia increases expression of HMG I(Y) proteins while facilitating

transactivation of the COX-2 promoter. The HMG I(Y) family of proteins may therefore function as part of a hypoxia-induced enhanceosome that helps to promote

-more-

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Display 7/9/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

DESCRIPTORS:

MAJOR CONCEPTS: Cardiovascular System--Transport and Circulation;

Molecular Genetics--Biochemistry and Molecular Biophysics

BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,

**Animalia**

ORGANISMS: HUVEC (Hominidae)--human umbilical vein endothelial cells

COMMON TAXONOMIC TERMS: **Animals**; Chordates; Humans; Mammals;

Primates; Vertebrates

CHEMICALS & BIOCHEMICALS: cyclooxygenase-2 gene--promoter activity,

transcription; high-mobility-group protein I(Y)--induction

MISCELLANEOUS TERMS: hypoxia

CONCEPT CODES:

14501 Cardiovascular system - General and methods

02508 Cytology - Human

03508 Genetics - Human

10060 Biochemistry studies - General

BIOSYSTEMATIC CODES:

-more-

? d s7/3/11-27

Display 7/3/11 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011552299 BIOSIS NO.: 199800346546

Carbon monoxide and nitric oxide suppress the hypoxic induction of vascular endothelial growth factor gene via the 5' enhancer

AUTHOR: Liu Yuxiang; Christou Helen; Morita Toshisuke; Laughner Erik;

Semenza Gregg L; Kourembanas Stella (Reprint)

AUTHOR ADDRESS: Children's Hospital, 300 Longwood Ave., Enders 9, Boston, MA 02115, USA\*\*USA

JOURNAL: Journal of Biological Chemistry 273 (24): p15257-15262 June 12, 1998 1998

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

? d s7/3/12-27

Display 7/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0011152097 BIOSIS NO.: 199799786157

Differential transcriptional regulation of the two vascular endothelial growth factor receptor genes: Flt-1, but not Flk-1/KDR, is up-regulated by hypoxia

AUTHOR: Gerber Hans-Peter; Condorelli Fabrizio; Park Jeanie; Ferrara

Napoleone (Reprint)

AUTHOR ADDRESS: Dep. Cardiovascular Res., Genentech Inc., 460 Point San Bruno Blvd., South San Francisco, CA 94080, USA\*\*USA

JOURNAL: Journal of Biological Chemistry 272 (38): p23659-23667 1997 1997

ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

- end of record -

?

Display 7/3/13 (Item 1 from file: 154)  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 2004 The Dialog Corp. All rts. reserv.

16062678 PMID: 15048876

Promoter activity and regulation of the corneal CYP4B1 gene by hypoxia.  
Mastyugin Vladimir; Mezentsev Alexandre; Zhang Wen-Xiang; Ashkar Silvia;  
Dunn Michael W; Laniado-Schwartzman Michal  
Department of Pharmacology, New York Medical College, Valhalla, New York  
10595, USA.  
Journal of cellular biochemistry (United States) Apr 15 2004, 91 (6)  
p1218-38, ISSN 0730-2312 Journal Code: 8205768  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: In Process

- end of record -

?

Display 7/3/14 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2004 American Chemical Society. All rts. reserv.

139160696 CA: 139(11)160696y JOURNAL  
HIF-1-dependent VEGF reporter gene assay by a stable transformant of CHO  
cells  
AUTHOR(S): Yamazaki, Yohko; Egawa, Kiyoshi; Nose, Kiyoshi; Kunimoto,  
Setsuko; Takeuchi, Tomio  
LOCATION: Institute of Microbial Chemistry, Tokyo, Japan, 141-0021  
JOURNAL: Biol. Pharm. Bull. (Biological & Pharmaceutical Bulletin)  
DATE: 2003 VOLUME: 26 NUMBER: 4 PAGES: 417-420 CODEN: BPBLEO ISSN:  
0918-6158 LANGUAGE: English PUBLISHER: Pharmaceutical Society of Japan

- end of record -

?

Display 7/3/15 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2004 American Chemical Society. All rts. reserv.

139018382 CA: 139(2)18382z PATENT  
Human hypoxia regulatory nucleic acid assay for diagnostic and library  
screens  
INVENTOR(AUTHOR): Erives, Albert J.  
LOCATION: USA  
ASSIGNEE: Aulix Biopharma, Inc.  
PATENT: PCT International ; WO 200346133 A2 DATE: 20030605  
APPLICATION: WO 2002US37412 (20021120) \*US 989993 (20011121)  
PAGES: 88 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;  
SE; SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZM;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS  
; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE;

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CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

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Display 7/3/16 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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138283308 CA: 138(19)283308k PATENT  
An assay for human HIF prolyl hydroxylase using a peptide substrate,  
identification of human HPH isoenzymes, and drug screening applications  
INVENTOR(AUTHOR): McKnight, Steven L.; Bruick, Richard K.  
LOCATION: USA  
ASSIGNEE: Board of Regents, the University of Texas System  
PATENT: PCT International ; WO 200328663 A2 DATE: 20030410  
APPLICATION: WO 2002US31832 (20021003) \*US 972784 (20011004)  
PAGES: 24 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-000/A  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;  
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;  
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;  
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE;  
SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZM; ZW; AM;  
AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ;  
; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI;

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FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM; GA;  
GN; GQ; GW; ML; MR; NE; SN; TD; TG

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Display 7/3/17 (Item 4 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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138250507 CA: 138(17)250507w PATENT  
Asparagine hydroxylation of the C-terminal transactivation domains of  
hypoxia inducible factors as a regulator of transcriptional activity  
INVENTOR(AUTHOR): Whitelaw, Murray L.; Lando, David; Peet, Daniel J.;  
Gorman, Jeffrey J.; Linke, Sarah  
LOCATION: Australia  
ASSIGNEE: Adelaide Research & Innovation Pty. Ltd.  
PATENT: PCT International ; WO 200325013 A1 DATE: 20030327  
APPLICATION: WO 2002AU1290 (20020918) \*AU 20017738 (20010918)  
PAGES: 53 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-014/47A;  
C07K-019/00B; C07H-021/02B; C07H-021/04B; C12N-005/18B; C12N-005/22B;  
G01N-033/573B; G01N-033/53B; C12Q-001/26B DESIGNATED COUNTRIES: AE; AG; AL  
; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE;  
DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP;  
KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX;  
MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TN; TR;

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TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU;  
TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM  
; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LU;  
MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;  
SN; TD; TG

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Display 7/3/18 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2004 American Chemical Society. All rts. reserv.

134036999 CA: 134(4)36999g PATENT  
Identification of compounds that modify transcriptional responses to  
hypoxia  
INVENTOR(AUTHOR): Livingston, David M.; Kung, Andrew L.; Bhattacharya,  
Shoumo  
LOCATION: USA  
ASSIGNEE: Dana-Farber Cancer Institute, Inc.  
PATENT: PCT International ; WO 200074725 A1 DATE: 20001214  
APPLICATION: WO 2000US15325 (20000602) \*US PV137625 (19990604)  
PAGES: 37 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-048/00A;  
C12Q-001/00B DESIGNATED COUNTRIES: CA; JP; US DESIGNATED REGIONAL: AT; BE  
; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

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Display 7/3/19 (Item 6 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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134016520 CA: 134(2)16520r PATENT  
Interaction between the VHL tumor suppressor and hypoxia inducible  
factor, and assay methods relating thereto  
INVENTOR(AUTHOR): Ratcliffe, Peter John; Maxwell, Patrick Henry; Pugh,  
Christopher William  
LOCATION: UK,  
ASSIGNEE: Isis Innovation Ltd.  
PATENT: PCT International ; WO 200069908 A1 DATE: 20001123  
APPLICATION: WO 2000GB1826 (20000512) \*GB 9911047 (19990512)  
PAGES: 56 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-014/47A;  
G01N-033/68B; A61P-009/00B DESIGNATED COUNTRIES: JP; US  
DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;  
LU; MC; NL; PT; SE

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Display 7/3/20 (Item 7 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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131028645 CA: 131(3)28645m PATENT  
Proteins and cDNAs belonging to the bHLH-PAS superfamily of transcription  
regulators  
INVENTOR(AUTHOR): Bradfield, Christopher A.; Gu, Yi Zhong; Hogenesch,  
John B.  
LOCATION: USA  
ASSIGNEE: Wisconsin Alumni Research Foundation  
PATENT: PCT International ; WO 9928464 A2 DATE: 19990610



APPLICATION: WO 98US25314 (19981127) \*US 66863 (19971128)  
PAGES: 106 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/12A;  
C07K-014/47B; C12N-015/11B; C07K-016/18B; G01N-033/50B  
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;  
CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IS; JP; KE;  
KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ;  
PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN;  
YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE

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DIALOG(R)File 399:CA SEARCH(R)  
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; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;  
IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN;  
TD; TG

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Display 7/3/21 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2004 Inst for Sci Info. All rts. reserv.  
09354344 Genuine Article#: 397LV No. References: 41  
Title: CD13/APN is activated by angiogenic signals and is essential for  
capillary tube formation  
Author(s): Bhagwat SV; Lahdenranta J; Giordano R; Arap W; Pasqualini R;  
Shapiro LH (REPRINT)  
Corporate Source: St Jude Childrens Res Hosp, Dept Pathol, 332 N Lauderdale  
St/Memphis//TN/38105 (REPRINT); St Jude Childrens Res Hosp, Dept  
Pathol, Memphis//TN/38105; MD Anderson Res Hosp, Dept Med, Houston//TX/  
Journal: BLOOD, 2001, V97, N3 (FEB 1), P652-659  
ISSN: 0006-4971 Publication date: 20010201  
Publisher: AMER SOC HEMATOLOGY, 1900 M STREET. NW SUITE 200, WASHINGTON, DC  
20036 USA  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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Display 7/3/22 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2004 Elsevier Science B.V. All rts. reserv.  
11713999 EMBASE No: 2002286547  
Vascular endothelial growth factor gene expression in a retinal pigmented  
cell is up-regulated by glucose deprivation through 3prime UTR  
Iida K.; Kawakami Y.; Sone H.; Suzuki H.; Yatoh S.; Isobe K.; Takekoshi  
K.; Yamada N.  
Y. Kawakami, Department of Internal Medicine, Institute of Clinical  
Medicine, University of Tsukuba, 1-1-1 Tennoudai, Tsukuba, Ibaraki  
305-8575 Japan  
AUTHOR EMAIL: y-kawa@md.tsukuba.ac.jp  
Life Sciences ( LIFE SCI. ) (United States) 23 AUG 2002, 71/14  
(1607-1614)  
CODEN: LIFSA ISSN: 0024-3205  
PUBLISHER ITEM IDENTIFIER: S0024320502018428  
DOCUMENT TYPE: Journal ; Article  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 18

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Display 7/3/23 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

02542669 JICST ACCESSION NUMBER: 95A0696407 FILE SEGMENT: JICST-E  
Activation of Nuclear Factor KB in Ischemia Reperfusion Injury.  
MURAOKA KEIICHI (1)  
(1) Sch. of Med., Kanazawa Univ.  
Kanazawa Daigaku Juzen Igakkai Zasshi(Journal of the Juzen Medical Society)  
, 1995, VOL.104,NO.1, PAGE.54-63, FIG.11, REF.53  
JOURNAL NUMBER: G0716AAY ISSN NO: 0022-7226  
UNIVERSAL DECIMAL CLASSIFICATION: 617-09  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

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Display 7/3/24 (Item 1 from file: 98)  
DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2004 The HW Wilson Co. All rts. reserv.

04508067 H.W. WILSON RECORD NUMBER: BGSA01008067 (USE FORMAT 7 FOR  
FULLTEXT)  
Cellular mechanisms of oxygen sensing.  
Lopez-Barneo, Jose  
Pardal, Ricardo; Ortega-Saenz, Patricia  
Annual Review of Physiology v. 63 (2001) p. 259-87  
SPECIAL FEATURES: bibl il ISSN: 0066-4278  
LANGUAGE: English  
COUNTRY OF PUBLICATION: United States  
WORD COUNT: 12311

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Display 7/3/25 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01520886 ORDER NO: AAD96-39803  
REGULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR GENE EXPRESSION BY HYPOXIA  
Author: FORSYTHE, JO ANN  
Degree: PH.D.  
Year: 1996  
Corporate Source/Institution: UNIVERSITY OF MARYLAND AT BALTIMORE (0373)  
Source: VOLUME 57/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 4131. 109 PAGES

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E7	6	AU=KUNG ANNIE
E8	66	AU=KUNG ANNIE W C
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